

# FORENSIC ENTOMOLOGY SERVICES

---

28 September 2006

5434 Redland Place  
San Diego, California 92115-2217  
Phone/Fax 619.583.0180  
Tax ID #560-80-9263  
Email: Dkfaulkner41@cox.net

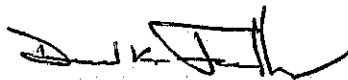
Maija E. Benjamins, Biologist  
Corporate Environment, Health and Safety Division  
Southern California Edison  
2244 Walnut Grove Avenue, #3A  
Rosemead, California 91770

RE: Mira Loma Substation, SCE Site on Hamner Avenue,  
Ontario, for Delhi Sands Flower-loving Fly Habitat

Maija:

Protocol surveys have been conducted for five consecutive years during the adult flight season of the Delhi Sands Flower-loving Fly (DSF), *Rhaphiomyias terminatus abdominalis*, on an 18 acre property at the southeast corner of the Mira Loma Substation in Ontario, San Bernardino County. The site is located west of Hamner Avenue (Milliken Avenue) and north of a dairy (removed during the 2006 survey). No DSF specimens have been recorded from this property. During the survey seasons, other insect species have been encountered and recorded such as flies in the families Asilidae, Mydidae, Apioceridae, Bombyliidae, Syrphidae, Conopidae, along with many species of bees, ants and wasps. In 2002, when surveys were initiated, the habitat was primarily abandoned vineyards with limited exposed sandy soils and overgrown with mustards and other weedy plants. By the completion of the 2006 surveys, the property consisted of tumbleweed, mustards, dried grasses, and little in the way of exposed, sandy soils. Much of the northern corner of the site had been previously graded and the soils compacted.

The habitat currently lacks many of the usual indicators seen in areas that support DSF populations such as croton, various buckwheat species, and other native vegetation. Telegraph weed is reduced to 1-2 plants on the entire site. Due to its degraded condition, it is doubtful that the property could support colonies of the DSF. The overall insect diversity and abundance has been reduced significantly within the last three years, many species being replaced by introduced taxa. Construction east of the site has further isolated the property from previous DSF introduction corridors.



David K. Faulkner  
Entomologist, USFWS Permit #TE-838743-3





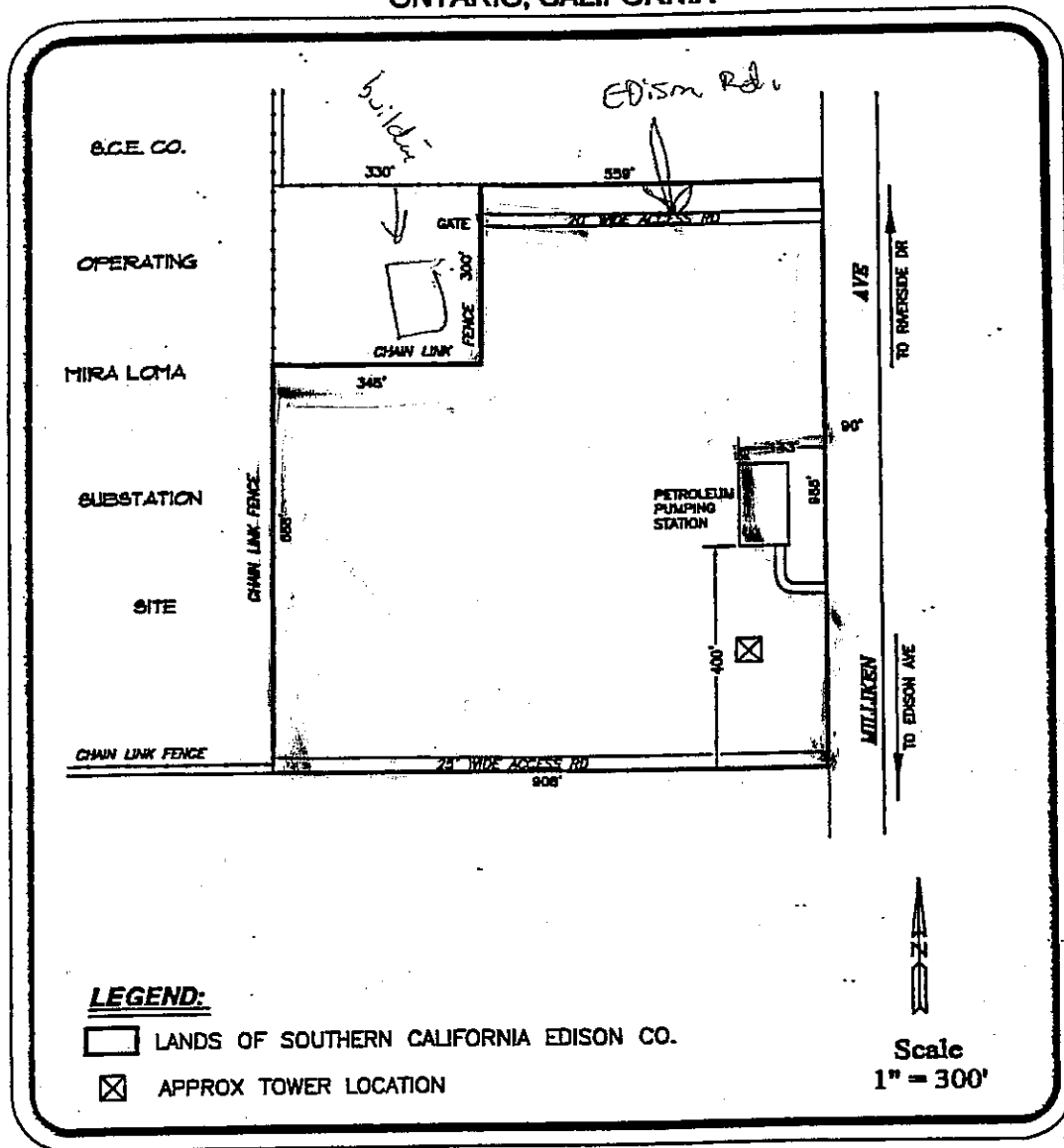
SOUTHERN CALIFORNIA  
**EDISON**

An EDISON INTERNATIONAL™ Company

# Development Opportunity

CORPORATE REAL ESTATE DEPARTMENT

## MIRA LOMA SUBSTATION SITE ONTARIO, CALIFORNIA



### Property Features:

- Approx. 18.2 Acres
- Zoning: Public Utility
- West of Milliken Ave and South of Riverside Dr.

### Description:

- Unimproved
- San Bernardino Co. T.G. page 643D7
- APN: 218-171-010, 017

### Contact:

Dwayne Whitfield  
1351 E. Francis Street  
Ontario, CA 91761  
Tel (909) 930-8505  
Fax (909) 930-8468